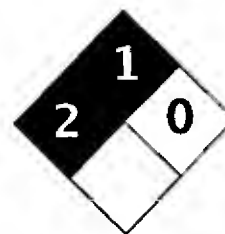


# **EXHIBIT A**



Health	2
Fire	1
Reactivity	0
Personal Protection	J

## Material Safety Data Sheet TRITON X-100 MSDS

### Section 1: Chemical Product and Company Identification

**Product Name:** TRITON X-100

**Catalog Codes:** SLT2452

**CAS#:** 9002-93-1

**RTECS:** MD0907700

**TSCA:** TSCA 8(b) inventory: TRITON X-100

**CI#:** Not available.

**Synonym:** Polyethylene glycol octylphenyl ether;  
Octylphenoxy polyethoxyethanol; Polyethylene glycol mono  
[4-(1,1,3,3-tetramethylbutyl) phenyl] ether

**Chemical Name:** Triton X-100

**Chemical Formula:** (C<sub>2</sub>H<sub>4</sub>O)<sub>n</sub>C<sub>14</sub>H<sub>22</sub>O

#### Contact Information:

Sciencelab.com, Inc.

14025 Smith Rd.

Houston, Texas 77396

US Sales: 1-800-901-7247

International Sales: 1-281-441-4400

Order Online: ScienceLab.com

**CHEMTREC (24HR Emergency Telephone), call:**  
1-800-424-9300

**International CHEMTREC, call:** 1-703-527-3887

**For non-emergency assistance, call:** 1-281-441-4400

### Section 2: Composition and Information on Ingredients

#### Composition:

Name	CAS #	% by Weight
TRITON X-100	9002-93-1	100
May contain trace amounts of Ethylene Oxide		

**Toxicological Data on Ingredients:** TRITON X-100: ORAL (LD50): Acute: 1800 mg/kg [Rat].

### Section 3: Hazards Identification

#### Potential Acute Health Effects:

Hazardous in case of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant).

#### Potential Chronic Health Effects:

**CARCINOGENIC EFFECTS:** Classified 4 (No evidence.) by NTP, None. by OSHA, None. by NIOSH.

**MUTAGENIC EFFECTS:** Mutagenic for mammalian somatic cells.

**TERATOGENIC EFFECTS:** Not available.

**DEVELOPMENTAL TOXICITY:** Classified Reproductive system/toxin/female [POSSIBLE].

Repeated or prolonged exposure is not known to aggravate medical condition.